



Dart Aerospace Ltd.
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D2571**Job Sheet 195086****Part No:** D2571**Job Qty:** 1 pcs**Part Name:** Saddle, Fwd, Out**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 5/14/19**Job Tracking No:****Due Date:** 5/17/19**Created By:** Marie Lajeunesse**Type:** Stock**Description:****Note:** DWG REV F IPP: I 02.10.02 Re-format; Change to Dwg Rev. D & incorporated D2572 KJ**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Machining - Issue SN	1 pcs	5/17/19		0.00	0.00	HAAS - 1		VHS 19/5/15
							HAAS - 2		
							HAAS - 3		
							HAAS - 4		
100	HAAS 4 Axis - B4B	1 pcs	5/17/19		0.00	1.61	HAAS - 1 - B4B		VHS 19/5/15
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
110	Conventional Mill - 1 - B4B	1 pcs	5/17/19		0.00	0.15	Conventional Mill - 1 - B4B		VHS 19/5/15
							Conventional Mill - 2 - B4B		
120	QC 2	1 pcs	5/17/19		0.00	0.00	QC 2 - 1		VHS 19/5/15
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		

**Container No:** S181486**Part:** D2571**Job No:** 195086**Serial No/Batch:** S181486**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's

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Date: 05/15/19

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				QC 2 - 50	
				QC 2 - 51	
				QC 2 - 52	
				QC 2 - 57	
				QC 2 - 62	
				QC 2 - 63	
				QC 2 - 8	
				QC 2 - 66	
				QC 2 - 64	
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
130	QC 8	1	5/17/19	0.00 0.00	QC 8 - 12
		pcs			QC 8 - 14
					QC 8 - 17
					QC 8 - 20
					QC 8 - 25
					QC 8 - 3
					QC 8 - 32
					QC 8 - 33
					QC 8 - 35
					QC 8 - 39
					QC 8 - 4
					QC 8 - 44
					QC 8 - 45
					QC 8 - 49
					QC 8 - 58
					QC 8 - 8
					QC 8 - 9
					QC 8 - 68
					QC 8 - 67
					QC 8 - 1 (A)
					QC 8 - 47
					QC 8 - 40
					QC 8 - 52
					QC 8 - 23
140	Handfinish - 1-1 Chemical-B4B	1	5/17/19	0.00 0.03	Handfinish - 1 - 1 - B4B
		pcs			Handfinish - 1 - 2 - B4B
					Handfinish - 1 - 3 - B4B
					Handfinish - 1 - 4 - B4B
					Handfinish - 1 - 5 - B4B
					Handfinish - 1 - 6 - B4B
					Handfinish - 1 - 7 - B4B
					Handfinish - 1 - 8 - B4B
					Handfinish - 1 - 9 - B4B
					Handfinish - 1 - 10 - B4B
					Handfinish - 1 - 11 - B4B
					Handfinish - 1 - 12 - B4B
					Handfinish - 1 - 13 - B4B
					Handfinish - 1 - 14 - B4B
					Handfinish - 1 - 15 - B4B
					Handfinish - 1 - 16 - B4B
					Handfinish - 1 - 17 - B4B
					Handfinish - 1 - 18 - B4B
					Handfinish - 1 - 19 - B4B
					Handfinish - 1 - 20 - B4B
					Handfinish - 1 - 21 - B4B
					Handfinish - 1 - 22 - B4B
150	Powdercoat - 1 White Gl(A)-	1	5/17/19	0.00 0.04	Powdercoat - 1 - B4B

mm L 19/05/21

MAY 22 2019

B4B 1151749				pcs		Powdercoat - 2 - B4B	
START: 2:15						Powdercoat - 3 - B4B	BL19-5-22
N.T. 300 Finish: 2:45						Powdercoat - 4 - B4B	
160 QC 3	1	5/17/19	0.00 0.00	pcs		QC 3 - 10	
						QC 3 - 13	
						QC 3 - 15	
						QC 3 - 17	
						QC 3 - 18	
						QC 3 - 2	
						QC 3 - 28	
						QC 3 - 3	
						QC 3 - 30	
						QC 3 - 34	
						QC 3 - 36	
						QC 3 - 41	
						QC 3 - 51	
						QC 3 - 58	
						QC 3 - 59	
						QC 3 - 68	
						QC 3 - 9	
						QC 3 - 40	MAY 22 2019 40
						QC 3 - 19	9-89
						QC 3 - 43	
						QC 3 - 24	
170 Packaging 3-1 - Stock - B4B	1	5/17/19	0.00 0.00	pcs		Packaging 3 - 1 - B4B	
						Packaging 3 - 2 - B4B	
						Packaging 3 - 3 - B4B	
						Packaging 3 - 4 - B4B	
						Packaging 3 - 5 - B4B	DAS
						Packaging 3 - 6 - B4B	28
						Packaging 3 - 7 - B4B	9-89
						Packaging 3 - 8 - B4B	
						Packaging 3 - 9 - B4B	
						Packaging 3 - 10 - B4B	
						Packaging 3 - 11 - B4B	
						Packaging 3 - 12 - B4B	
						Packaging 3 - 13 - B4B	
						Packaging 3 - 14 - B4B	
						Packaging 3 - 15 - B4B	
						Packaging 3 - 16 - B4B	
						Packaging 3 - 17 - B4B	
						Packaging 3 - 18 - B4B	
						Packaging 3 - 19 - B4B	
						Packaging 3 - 20 - B4B	
						Packaging 3 - 21 - B4B	
						Packaging 3 - 22 - B4B	
						Packaging 3 - 23 - B4B	
						Packaging 3 - 24 - B4B	
						Packaging 3 - 25 - B4B	
						Packaging 3 - 26 - B4B	
						Packaging 3 - 27 - B4B	
						Packaging 3 - 28 - B4B	
						Packaging 3 - 29 - B4B	
						Packaging 3 - 30 - B4B	
						Packaging 3 - 31 - B4B	
						Packaging 3 - 32 - B4B	
						Packaging 3 - 33 - B4B	
						Packaging 3 - 34 - B4B	
						Packaging 3 - 35 - B4B	

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				Packaging 3 - 36 - B4B	
180 QC 21 - SA	1	5/17/19	0.00 0.00	QC 21 - SA - 21	DAS
	pcs			QC 21 - SA - 70	21
				QC 21 - SA - 53	8-55 MAY 27 2019

Part Op 100 - (HAAS CNC vertical machine #1) Program Batch No 5181486 Double check by: _____ 1-Machine Step No 1
 Descriptions: per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per
 attached Dimension Sheets 3-Machine Step No 3 per Folio FA051 and inspect
 110 - (Manufacture as per dwg) Machine keyway as per dwg D2571 & D2572
 120 - (QC2- Inspect parts off machine FAI/FAIB) Inspect on CMM as per folio CMM022.
 130 - (QC8- Inspect parts - second check)
 140 - (Chemical Conversion Coat per QSI005 4.1)
 150 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME: _____ FINISH TIME: _____
 160 - (QC3- Inspect Part Finish)
 170 - (Identify as per dwg & Stock Location: _____)
 180 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D6101-007	Saddle Billet	1 pcs (1 ea)	90-Machining - Issue SN	5175543

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Machining - Issue SN	D6101-007	1	6	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Saddle, Fwd Outboard	0.438Inches + 0.005 - 0.000	0.443 0.438		
2	Saddle, Fwd Outboard	1.745Inches + 0.010 - 0.000	1.755 1.745		
3	Saddle, Fwd Outboard	3.495Inches + 0.010 - 0.000	3.505 3.495		
4	Saddle, Fwd Outboard	1.745Inches + 0.010 - 0.000	1.755 1.745		
5	Saddle, Fwd Outboard	7.990Inches + 0.020 - 0.000	8.010 7.990		
6	Saddle, Fwd Outboard	0.490Inches + 0.020 - 0.000	0.510 0.490		
7	Saddle, Fwd Outboard	0.257Inches + 0.005 - 0.000	0.262 0.257		
8	Saddle, Fwd Outboard	0.375Inches + 0.005 - 0.000	0.380 0.375		
9	Saddle, Fwd Outboard	0.490Inches + 0.020 - 0.000	0.510 0.490		
10	Saddle, Fwd Outboard	1.174Inches + 0.010 - 0.000	1.184 1.174		
11	Saddle, Fwd Outboard	0.558Inches + 0.020 - 0.000	0.578 0.558		
12	Saddle, Fwd Outboard	1.174Inches + 0.010 - 0.000	1.184 1.174		
13	Saddle, Fwd Outboard	1.490Inches + 0.010 - 0.000	1.500 1.490		
14	Saddle, Fwd Outboard	2.495Inches + 0.010 - 0.000	2.505 2.495		
15	Saddle, Fwd Outboard	3.869Inches + 0.010 - 0.000	3.879 3.869		
16	Saddle, Fwd Outboard	0.115Inches + 0.020 - 0.000	0.135 0.115		
17	Saddle, Fwd Outboard	0.115Inches + 0.020 - 0.000	0.135 0.115		
18	Saddle, Fwd Outboard	0.240Inches + 0.020 - 0.000	0.260 0.240		

19	Saddle, Fwd Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
20	Saddle, Fwd Outboard	0.178Inches	+ 0.020 - 0.000	0.198 0.178
21	Saddle, Fwd Outboard	2.940Inches	+ 0.040 - 0.000	2.980 2.940
22	Saddle, Fwd Outboard	0.230Inches	+ 0.020 - 0.000	0.250 0.230
23	Saddle, Fwd Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
24	Saddle, Fwd Outboard	0.308Inches	+ 0.005 - 0.000	0.313 0.308
25	Saddle, Fwd Outboard	0.760Inches	+ 0.005 - 0.000	0.765 0.760
26	Saddle, Fwd Outboard	0.352Inches	+ 0.020 - 0.000	0.372 0.352
27	Saddle, Fwd Outboard	0.470Inches	+ 0.060 - 0.000	0.530 0.470
28	Saddle, Fwd Outboard	0.615Inches	+ 0.020 - 0.000	0.635 0.615
29	Saddle, Fwd Outboard	0.053Inches	+ 0.020 - 0.000	0.073 0.053
30	Saddle, Fwd Outboard	0.240Inches	+ 0.020 - 0.000	0.260 0.240
31	Saddle, Fwd Outboard	1.375Inches	+ 0.020 - 0.000	1.395 1.375
32	Saddle, Fwd Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
33	Saddle, Fwd Outboard	0.240Inches	+ 0.040 - 0.000	0.280 0.240
34	Saddle, Fwd Outboard	0.240Inches	+ 0.020 - 0.000	0.260 0.240
35	Saddle, Fwd Outboard	2.000Inches	+ 0.020 - 0.000	2.020 2.000
36	Saddle, Fwd Outboard	0.023Inches	+ 0.020 - 0.000	0.043 0.023

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

DART AEROSPACE LTD	Work Order:	195686
Description: Saddle, Fwd Outboard	Part Number:	D2571
Inspection Dwg: D2571 Rev. F		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.438	0.443		0.438					
B	1.745	1.755		1.750					
C	3.495	3.505		3.500					
D	1.745	1.755		1.750					
E	7.990	8.010		8.000					
F	0.490	0.510		0.503					
G	0.257	0.262		0.257					
H	0.375	0.380		0.375					
I	0.490	0.510		0.5015					
J	1.174	1.184		1.179					
K	0.558	0.578		0.570					
L	1.174	1.184		1.179					
M	1.490	1.500		1.495					
N	2.495	2.505		2.5000					
O	3.869	3.879		3.874					
P	0.115	0.135		0.132					
Q	0.115	0.135		0.125					
R	0.240	0.260		0.254					
S	0.115	0.135		0.128					
T	0.178	0.198		0.188					
U	2.940	2.980		2.960					
V	0.230	0.250		0.240					
W	0.115	0.135		0.123					
X	0.308	0.313		0.311					
Y	0.760	0.765		0.760					
Z	0.352	0.372		0.363					
AA	0.470	0.530		0.500					
AB	0.615	0.635		0.626					
AC	0.053	0.073		0.063					
AD	0.240	0.260		0.245					
AE	1.375	1.395		1.385					
AF	0.115	0.135		0.130					
AG	0.240	0.280		0.250					
AH	0.240	0.260		0.260					
AI	2.000	2.020		2.000					
AJ	0.023	0.043		0.033					
Accept/Reject									

Measured by:	VH
Date:	19/5/15

Audited by:	WMC
Date:	19/05/21

Rev	Date	Change	Revised by	Approved
B	02.09.24	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	
F	13.03.07	Dwg Rev updated	KJ	